

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Anshuman Razdan, et al.

Examiner: Hanh B. Thai

Serial No: 10/510,326

Art Unit: 2163

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Docket: 22065

For: THREE-DIMENSIONAL DIGITAL LIBRARY SYSTEM

Confirmation No.: 6242

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 C.F.R. §3.73(b)

1. I hereby certify that Arizona Board of Regents, acting for and on behalf of Arizona State University is the assignee of the entire right, title and interest in the patent application identified above.

2. Anshuman Razdan, Jiuxiang Hu, Jeremy Rowe, Daniel Collins, Gerald Farin, Peter McCartney, Gregory M. Nielson, Arleyn Simon, Mark Richard Hernderson, Matthew Tocheri, David Capco and Mary Marzke inventors of the above-identified application have transferred their right, title and interest in and to the subject matter of the above-identified application by Assignment dated June 16, 2003, June 17, 2003, June 13, 2003, June 18, 2003, June 17, 2003, August 4, 2003, July 10, 2003, July 10, 2003, July 8, 2003, August 4, 2003, June 30, 2003 and July 21, 2003 to Arizona Board of Regents, acting for and on behalf of Arizona State University. The Assignment was recorded on August 11, 2003 in the United States Patent and Trademark Office under Reel 014374 and Frame 0887.

3. The undersigned has reviewed all the documents in the chain of title of the patent applications identified above and, to the best of undersigned's knowledge and belief,

Arizona Board of Regents, acting for and on behalf of Arizona State University has title in and to the above-identified application.

4. The undersigned is authorized to sign this certificate on behalf of the assignee.

February 4, 2008
Dated



Stephen M. Goodnick
Associate Vice President